

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT: LeRoy G. Hagenbach

FILING DATE 4/01/85

GROUP 234

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
BMM	AA	3,644,883	02/22/72	Borman et al.	340	23	
BMM	AB	3,876,980	04/08/75	Haemming et al.	340	146.1	
BMM	AC	3,940,630	02/24/76	Bergonz	250	568	
BMM	AD	4,009,375	02/22/77	White et al.	235	150.24	
BMM	AE	4,009,591	07/11/78	Carr	180	98	
BMM	AF	4,217,588	08/12/80	Freeny, Jr.	343	112.1D	
BMM	AG	4,350,970	09/21/82	von Tomkewitsch	340	23	
	AH						
	AI						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES - NO
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER REFERENCES (including Author, Title, Pertinent Pages, Etc.)

BMM	AR	"Truck Management Systems Review" by V. Srajer, CANMET (Canada Centre For Mineral & Energy Technology) Calgary Coal Research Laboratory, December, 1985.
BMM	AS	"Vehicle Monitoring System For Large Off-Highway Trucks", article of GLI Corp. in MINING JOURNAL, January 10, 1986.
BMM	AT	"An INTEGRATED Truck Management Information System (Truck MIS) Concept" article by LeRoy G. Hagenbach presented at CIM 2nd Dist. 5 Mtg. on Sept. 11, 1985.
BMM	AU	"Analysis of Open-Pit Truck Haulage System by Use of A Computer Model" by J.H. Tu & V.J. Hucks of Univ. of Utah, in the CIM BULLETIN, July, 1985, pp. 53-60.

EXAMINER *Brian M. Mattson* DATE CONSIDERED *1/19/88* *14*

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BMM	AV	"Fully Integrated Truck Information & Control Systems (TIACS)" by T.O. Jones & W.K. Tsuha. SAE Technical Paper Series, Truck & Bus Expo, Cleveland, OH, Nov. 7-10, 1983
BMM	AW	Article on AGV (Automated Guided Vehicle) marketed by Caterpillar Co. along with General Electric Co. of Great Britain. Publication unidentified, 1986.
BMM	AX	"Car 54, Where Are You? Just Check The Computer Map" article in BUSINESS WEEK, Science & Technology section, August 12, 1985.
BMM	AY	"Eye In Sky Will Keep Us From Getting Lost" article by John Hillkirk in USA TODAY, March 5, 1986.

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## OTHER REFERENCES (including Author, Title, Pertinent Pages, Etc.)

BMM	AZ	"Satellites Add More Accuracy To Locating Objects On Earth" article by D. Wessel, Staff Reporter of THE WALL STREET JOURNAL. Date Unknown.
BMM	BA	Advertisement by the Hawker Siddeley Dynamics Engineering Ltd. in THE MINING ENGINEER for mining controls capabilities, p. 332, date unknown.
BMM	BB	Advertisement by Hawker Siddeley Dynamics Engineering Ltd. on the "Elements Of An MVMM System".
BMM	BC	"Dynalink Mine Vehicle & Material Management System", Publication No. BSL 924, Issue No. 01, by Hawker Siddeley Dynamics Engineering Ltd., HSDE 1986.
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## OTHER REFERENCES (including Author, Title, Pertinent Pages, Etc.)

BMM	BD	Advertisement by Identification Devices, Inc., Boulder, CO, on the SYSTEM I.D.® Automated Vehicle Identification. <del>Date Unknown</del> 1980 300
BMM	BE	Article on the AVM (Automatic Vehicle Monitoring) and AVL (Automatic Vehicle Location) Systems, pub. in MOBILE RADIO TECHNOLOGY; Sept. 1985, pp. 64-65.
BMM	BF	Article in DESIGN NEWS entitled "Automatic Vehicle Locator 'On-The-Air'", Sept. 23, 1985, p. 29.
BMM	BG	Brochure entitled "Automatic Vehicle Locator System"® by Motorola, Inc., 1984. 201
EXAMINER	Brian M. Mattar	
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## OTHER REFERENCES (including Author, Title, Pertinent Pages, Etc.)

BMM	BH	"Construction Vehicle ID Transmitter For Carriage Data Collection & Management System" by Sumitomo Electric Ind. Int'l Cong. & Expo, Detroit, MI, Feb. - Mar. 1985
BMM	BI	Cost Savings Bulletin I describing "VMS™" As A Preventive Maintenance Tool" dated January 13, 1985.
BMM	BJ	Cost Savings Bulletin II describing "VMS™" As A Preventive Maintenance Tool" dated September 6-8, 1985.
BMM	BK	Cost Savings Bulletin III describing "VMS™" As A Preventive Maintenance Tool" dated December 28-29, 1985.

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BMM	BL	"THE VMST <sup>8</sup> - Setting New Standards For Vehicle Monitoring", publication by GLI Corp. of Woodinville, WA, published December, 1985.
BMM	BM	Article on "Modems Take To The Airwaves" by M. David Stone, published in PC MAGAZINE, January 14, 1986, pp. 184-193.
BMM	BN	A.H. Emery "Hytronic Totalizer" catalog sheet, Bulletin 2911, December 5, 1985.
BMM	BO	The "OEM-BUS Single Board Computer SYS-2Z" catalog sheets by The ROBASIC Corporation.

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<i>BMM</i>	BP	"Optodata <sup>®</sup> 5200, The Cable Eliminator" sales literature by Scientific Technology, Inc., including master price list. 1986.
<i>BMM</i>	BQ	Catalog listing Telxon Portable Bar Code Scanners, Telxon Corporation. 1984.
<i>BMM</i>	BR	Article "Bar Codes Hold 'Patent' on Document Tracking" in AUTOMATIC I.D. NEWS, September, 1986.
<i>BMM</i>	BS	The Argo FMS 1330 "Report Card" marketing brochure describing the Argo Fleet Management Systems.

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## OTHER REFERENCES (including Author, Title, Pertinent Pages, Etc.)

<i>BMM</i>	BT	:	"5TH Wheel" catalog sheet by Structural Instrumentation, Inc.
<i>BMM</i>	BU		Advertisement in "Chillon's IAN INSTRUMENTATION & CONTROL NEWS, Vol. 33, No. 12, Burr-Brown's "Multibus"-compatible ANALOG INPUT BOARD, December, 1985.
	BV		3
	BW		

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